



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: LK Tilden @ 225m S of Center

Date: 2/12/18

WIN/ Field ID: G1CE0090

WBID: 2875B Latitude: 28.51800227

County: Orange

ORG ID: 21 FL CEN

Longitude: -81.59341368

Receiving Body of Water: U

RQ-2018- 02-12-56

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Leif Boman Katie Williams										

Sampling Equipment					
☐ Sample Container	☐ Van Dorn	☐ Pole			
☐ Carboy	☒ Syringe				
☐ Dipper	☐ Other				
Depth Measured with <u>SEECHE DISK LINE</u>					
Equipment ID					

Collection Method					
☐ Wading	☐ Canoe/Kayak				
☐ From Shore	☐ Electric Motor				
☐ Other	☒ Gasoline Motor				

Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded						Meter ID# <u>Betty 67</u>	Matrix: <u>Fresh</u> Marine / DI
Photos: Yes <u>No</u> Flow: No Flow / Intestinal / Flowing <u>NA</u>						Tide: Rising/ Falling/ Slack <u>NA</u>	Tide Times: High Low

Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPT)	Sp COND (µmhos/cm)	Temp. (C°)
<u>EST</u>	<u>1155</u>	<u>2.8</u>	<u>0.3</u>	<u>0.5</u>	<u>7.43</u>	<u>85.4</u>	<u>6.90</u>	<u>0.10</u>	<u>214</u>	<u>22.48</u>
<u>CEN</u>			<u>2.3</u>		<u>5.88</u>	<u>64.1</u>	<u>6.66</u>	<u>0.10</u>	<u>215</u>	<u>19.43</u>

Biological Samples Collected: <u>None</u> HA SCI RPS Algae ID LVS LVI Other:										
SBIO ID Numbers: SBIO-ID: HA-ID: RPS-ID: Macrophyte-ID: LIMS#:										

Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☐ H2SO4	<u>SA7275010</u>	<u>10/18</u>	☒ <2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO3	<u>NA7261120</u>	<u>9/18</u>	☒ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	<u>9743729</u>		
Chlorophyll	☒ CHLSUITE-W	☒ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-IC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates	☐ MI-FW-QLDC	☐ Formalin			
Periphyton	☐ ALGAE-ID	☐ Ice			
Microbiology	☒ E Coli ☐ F Coli ☐ Enterococci	☒ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-UHERB-AA ☐ W-AHERB-AA ☐ W-CARB-AA ☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

Contains 1:1 Sulfuric Acid
Lot No.: SA7275010
Expires: 10/02/18
See Safety Data Sheet (SDS)

Contains 1:1 Nitric Acid
Lot No.: NA-7261120
EXP: 09/18/18
See SDS

Notes:

A

WIN ID / Field ID →

Lake Tilden @ 225m
S of Center (2875B)



G1CE0090

Signature:

K Williams

Date:

2/12/18

Enter Field Parameters, Verify Station ID In LIMS DMT: Kmw 2/13/18

(Initials/Date)

QC Station ID, Field Parameters In LIMS DMT:

(Initials/Date)

Scan/Save Field Sheets

(Initials/Date)

Migrate Data to WIN:

(Initials/Date)

Verify Data In WIN:

(Initials/Date)

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: CEN-DIST

Project ID: SMP

Requester: Michael Linger

Collected By: U.S. RomanField Report Prepared By: Katie WilliamsSampling Agency: 21Frien

Location	WIN ID / Field ID →		Longitude		Latitude	
Field ID	Lake Dot @ Center (2997Q)		☐ dd ☐ dms		☐ dd ☐ dms	
WIN/STORET						
 G2CE0067						
Temp (C)	22.09	pH	7.57	Comments		
Salinity (ppt)	0.10					
☐ Comp Grab ☒ Collection (comp begin or grab) Time 9:37						
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine		Bottle Group(s) (See pg 2)
		10.66		(mg/L)		
Sample Depth		0.3		Sp. Conductance (umho/cm)		C
				221		
☐ Comp Grab ☒ Collection (comp begin or grab) Time 13:10						
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine		Bottle Group(s)
		7.15		(mg/L)		
Sample Depth		0.3		Sp. Conductance (umho/cm)		A
				190		
☐ Comp Grab ☒ Collection (comp begin or grab) Time 13:15						
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine		Bottle Group(s)
		7.88		(mg/L)		
Sample Depth		0.3		Sp. Conductance (umho/cm)		A
				179		
☐ Comp Grab ☒ Collection (comp begin or grab) Time 13:28						
Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		Total Res. Chlorine		Bottle Group(s)
		7.29		(mg/L)		
Sample Depth		0.3		Sp. Conductance (umho/cm)		A
				184		

Relinquished By: Katie Williams

Date/Time: 2/13/18 1600

Shipping Method: Fed Ex

Number of Coolers Shipped: 4

Received By: Tyler R.

Date/Time: 02/13/18 0925

Group: A	Bottle Type:	P-1L	# of Bottles: 9	Preservative:	ICE	Enter Number of Bottles Sent to Lab	9
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 9	Preservative:	ICE	Enter Number of Bottles Sent to Lab	9 to Flow
	CD-FLR-ECQ						
Group: A	Bottle Type:	BP-1L	# of Bottles: 9	Preservative:	ICE	Enter Number of Bottles Sent to Lab	9
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 9	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	9
	W-ICP						
	W-ICPMS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 9	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	9
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 9	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	9
	W-PO4-F						
Group: B	Bottle Type:	BG-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	W-AHERB-AA						
	W-GLYPH						
	W-PYR-AA-R						
	W-SUC-AA-R						
	W-UHERB-AA						
Group: B	Bottle Type:	BG-1L	# of Bottles: 1	Preservative:	CH2ClCOOH Pre-Preserved	Enter Number of Bottles Sent to Lab	1
	W-CARB-AA						
Group: B	Bottle Type:	BG-500ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4

Group: B	Bottle Type: W-CT-CI-R W-PCL-SQ-R	BG-500ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
Group: B	Bottle Type: W-PSNP-TQ	BG-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
Group: C	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
Group: C	Bottle Type: CD-FLR-ECQ	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1 to Flawed
Group: C	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
Group: C	Bottle Type: PCR-FILTER	QPCR-P-250ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
Group: C	Bottle Type: W-AHERB-AA W-SUC-AA-R W-UHERB-AA	BG-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
Group: C	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
Group: C	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	1

Group: D	Bottle Type: CD-FLR-ECQ	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
Group: D	Bottle Type: PCR-FILTER	QPCR-P-250ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
Group: D	Bottle Type: W-AHERB-AA W-SUC-AA-R W-UHERB-AA	BG-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
Group: E	Bottle Type: CD-FLR-ECQ	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0

McCoy X4 / Hope / Kasey X2 / Dot X2 / Tilden X4

Requester: Michael Linger

Field Report Prepared By:

Collected By:

Let Bowen

Sampling Agency:

Location	WIN ID / Field ID →		dd Longitude dms		dd Longitude dms		dd Longitude dms	
Field ID	Lake Tilden @ 140m NW of Center (2875B)							
WIN/STORE								
Latitude	G1CE0087							
Location	WIN ID / Field ID →		dd Longitude dms		dd Longitude dms		dd Longitude dms	
Field ID	Lake Tilden @ 165m NE of Center (2875B)							
WIN/STORE								
Latitude	G1CE0088							
Location	WIN ID / Field ID →		dd Longitude dms		dd Longitude dms		dd Longitude dms	
Field ID	Lake Tilden @ 150m SE of Center (2875B)							
WIN/STORE								
Latitude	G1CE0089							
Location	WIN ID / Field ID →		dd Longitude dms		dd Longitude dms		dd Longitude dms	
Field ID	Lake Tilden @ 225m S of Center (2875B)							
WIN/STORE								
Latitude	G1CE0090							

Relinquished By:

Date/Time

Shipping Method

Number of Coolers Shipped:

Received By:

Date/Time

Group: A	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	P-1L	# of Bottles: 9	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: CD-FLR-ECQ	P-250ML-WI-THI	# of Bottles: 9	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 9	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 9	Preservative:	HNO3	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 9	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab
Group: A	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 9	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type: W-AHERB-AA W-GLYPH W-PYR-AA-R W-SUC-AA-R W-UHERB-AA	BG-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type: W-CARB-AA	BG-1L	# of Bottles: 1	Preservative:	CH2ClCOOH Pre-Preserved	Enter Number of Bottles Sent to Lab
Group: B	Bottle Type:	BG-500ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: CEN-DIST

Project ID: SMP

Requester: Michael Linger

Collected By: Leaf BowmanField Report Prepared By: Kathie WilliamsSampling Agency: 21FICEN

Location		WIN ID / Field ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID		Lake McCoy @ Center of Southern Lobe (2993C)		Date <u>2/13/18</u> Time <u>1303</u>		Date		(See pg 2)	
WIN/STORET #				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>7.47</u> mg/L Total Res. Chlorine <u>---</u> % sat			
Latitude		Longitude		Temp (C) <u>23.40</u> pH <u>7.06</u>		Sample Depth <u>0.3</u> ft Sp. Conductance <u>179</u> umho/cm		A	
Salinity (ppt)		dd dms		Salinity (ppt) <u>0.08</u>		Comments			
Location		WIN ID / Field ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID		Kasey Lake @ Center (3002Q)		Date <u>2/13/18</u> Time <u>1020</u>		Date			
WIN/STORET #				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>9.91</u> mg/L Total Res. Chlorine <u>---</u> % sat		A/B	
Latitude		Longitude		Temp (C) <u>22.78</u> pH <u>7.19</u>		Sample Depth <u>0.3</u> ft Sp. Conductance <u>104</u> umho/cm			
Salinity (ppt)		dd dms		Salinity (ppt) <u>0.05</u>		Comments			
Location				Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID				Date		Date			
WIN/STORET #				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>---</u> mg/L Total Res. Chlorine <u>---</u> % sat			
Latitude		Longitude		Temp (C)		Sample Depth <u>---</u> ft Sp. Conductance <u>---</u> umho/cm			
Salinity (ppt)		dd dms		Salinity (ppt)		Comments			
Location				Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID				Date		Date			
WIN/STORET #				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>---</u> mg/L Total Res. Chlorine <u>---</u> % sat			
Latitude		Longitude		Temp (C)		Sample Depth <u>---</u> ft Sp. Conductance <u>---</u> umho/cm			
Salinity (ppt)		dd dms		Salinity (ppt)		Comments			
Location				Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID				Date		Date			
WIN/STORET #				Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen <u>---</u> mg/L Total Res. Chlorine <u>---</u> % sat			
Latitude		Longitude		Temp (C)		Sample Depth <u>---</u> ft Sp. Conductance <u>---</u> umho/cm			
Salinity (ppt)		dd dms		Salinity (ppt)		Comments			

Relinquished By: K WilliamsDate/Time: 2/13/18 1600Shipping Method: FedExNumber of Coolers Shipped: 4Received By: Tyler R.Date/Time: 02/13/18 @ 9:25

Group: A	Bottle Type:	P-1L	# of Bottles: 9	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ALKALINITY					
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					
	W-SO4-IC					
	W-TDS					
	W-TSS					
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 9	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	CD-FLR-ECQ					
Group: A	Bottle Type:	BP-1L	# of Bottles: 9	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	CHLSUITE-W					
Group: A	Bottle Type:	P-500ML	# of Bottles: 9	Preservative:	HNO3	Enter Number of Bottles Sent to Lab
	W-ICP					
	W-ICPMS					
Group: A	Bottle Type:	P-500ML	# of Bottles: 9	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: A	Bottle Type:	P-125ML	# of Bottles: 9	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab
	W-PO4-F					
Group: B	Bottle Type:	BG-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	W-AHERB-AA					
	W-GLYPH					
	W-PYR-AA-R					
	W-SUC-AA-R					
	W-UHERB-AA					
Group: B	Bottle Type:	BG-1L	# of Bottles: 1	Preservative:	CH2ClCOOH Pre-Preserved	Enter Number of Bottles Sent to Lab
	W-CARB-AA					
Group: B	Bottle Type:	BG-500ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab



CONTRACT LAB - CHAIN OF CUSTODY

Client Name:
Address:
Project Manager:
E-Mail:
Telephone Number:

Department of Environmental Protection
3319 Maguire Blvd Suite 232, Orlando, FL 32803
Natalie Ayala / Michael Linger / Kalina Warren
Michael.Linger@dep.state.fl.us
(407) 897-4100

Project Name:

SMP

Project Number:

RQ-2018-02-12-56

Site Location:

Tilden, McLaughlin, Kasey
Katie Wilkins Signature: *Katie Wilkins*

Contract/PO # Flowers Lab - B16975

Sampler Names:

Jeff Bonar, Katie Wilkins

FIELD ID	Lab No. (Lab Use Only)	Date	Time Sampled	No. of Containers	Grab	Composite	Preservative				Matrix				Analyze For:		
							ICE	HCL	HNO3	NONE	Groundwater	Wastewater	Drinking Water	Surface Water	Escherichia Coli (ECQ)	Enterococci (ENQ)	Fecal Coliform (FC)
GZCE0171		2/12/18	1328	1	X		X							X			
GZCE0145		2/12/18	1315	1	X		X							X			
GZCE0098		2/12/18	1303	1	X		X							X			
GZCE0144		2/12/18	1310	1	X		X							X			
GZCE0067		2/12/18	937	1	X		X							X			
GZCE0090		2/12/18	1155	1	X		X							X			
GZCE0011		2/12/18	1020	1	X		X							X			
GZCE0099		2/12/18	1145	1	X		X							X			

Special Instructions:

Samples are ambient water and not suspected to contain chlorine

Relinquished by:	Date	Time	Received by:	Date	Time	Comments
Katie Wilkins	2/12/18	1442	MM / FC	2/12	1443	Temp Upon Receipt: 80C
Relinquished by:	Date	Time	Received by:	Date	Time	Sample Containers Intact?
						N



5

[illegible]

Special Instructions:

Samples are ambient water and not suspected to contain chlorine

Relinquished by:

Date	Time
------	------

Received by:

Date _____

i

Relinquished by: Kull

Date	Time
3/2	1.45

Received by: *WJH*

12/

Time 43

Sample Containers Intact?